

**TACC3 Antibody (monoclonal) (M02)**

Mouse monoclonal antibody raised against a partial recombinant TACC3.

Catalog # AT4133a

**Specification**

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**TACC3 Antibody (monoclonal) (M02) - Product Information**

Application	WB, IHC, E
Primary Accession	<a href="#">O9Y6A5</a>
Other Accession	<a href="#">NM_006342</a>
Reactivity	Human, Rat
Host	mouse
Clonality	Monoclonal
Isotype	IgG3 Kappa
Calculated MW	90360

**TACC3 Antibody (monoclonal) (M02) - Additional Information****Gene ID** 10460**Other Names**

Transforming acidic coiled-coil-containing protein 3, ERIC-1, TACC3, ERIC1

**Target/Specificity**

TACC3 (NP\_006333, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution**

WB~~1:500~1000

**Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

**Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Precautions**

TACC3 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

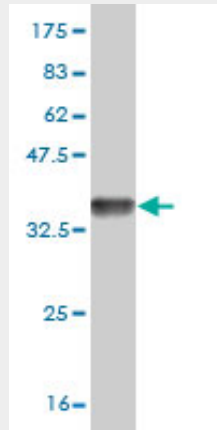
**TACC3 Antibody (monoclonal) (M02) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

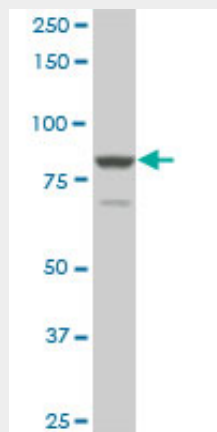
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

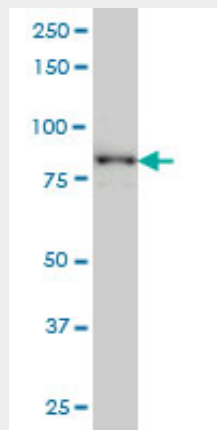
### TACC3 Antibody (monoclonal) (M02) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .

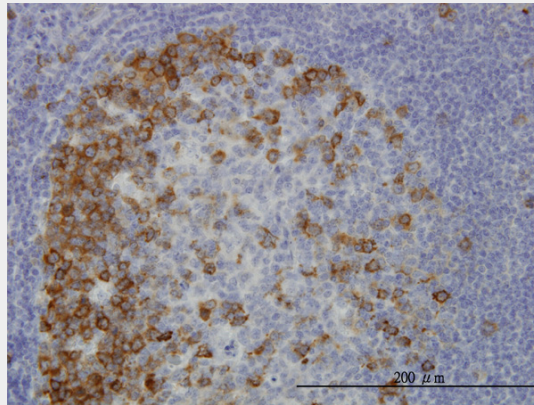


TACC3 monoclonal antibody (M02), clone 6C4. Western Blot analysis of TACC3 expression in PC-12 (Cat # AT4133a )

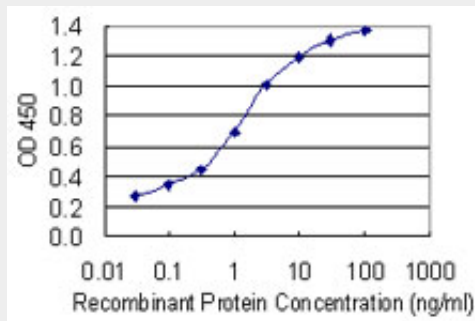


TACC3 monoclonal antibody (M02), clone 6C4 Western Blot analysis of TACC3 expression in HeLa

S3 NE ( (Cat # AT4133a )



Immunoperoxidase of monoclonal antibody to TACC3 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged TACC3 is 0.03 ng/ml as a capture antibody.

### **TACC3 Antibody (monoclonal) (M02) - Background**

The function of this gene has not yet been determined; however, it is speculated that it may be involved in cell growth and differentiation. Expression of this gene is up-regulated in some cancer cell lines, and in embryonic day 15 in mice.

### **TACC3 Antibody (monoclonal) (M02) - References**

Clathrin heavy chain mediates TACC3 targeting to mitotic spindles to ensure spindle stability. Lin CH, et al. J Cell Biol, 2010 Jun 28. PMID 20566684. Centrosome-related genes, genetic variation, and risk of breast cancer. Olson JE, et al. Breast Cancer Res Treat, 2010 May 28. PMID 20508983. A sequence variant at 4p16.3 confers susceptibility to urinary bladder cancer. Kiemeny LA, et al. Nat Genet, 2010 May. PMID 20348956. Association of mitotic regulation pathway polymorphisms with pancreatic cancer risk and outcome. Couch FJ, et al. Cancer Epidemiol Biomarkers Prev, 2010 Jan. PMID 20056645. Cdh1 controls the stability of TACC3. Jeng JC, et al. Cell Cycle, 2009 Nov 1. PMID 19823035.

### **TACC3 Antibody (monoclonal) (M02) - Citations**

- [Transforming acidic coiled-coil-containing protein 3 \(TACC3\) overexpression in hepatocellular carcinomas is associated with "stemness" and epithelial-mesenchymal transition-related marker expression and a poor prognosis.](#)